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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Paul DeAngelis) Atty Dkt No: 45992.014

Serial No: 10/814,752) Examiner: E. Slobodyansky

Filed: March 31, 2004) Art Unit: 1652

Customer No.: 30589) Confirmation No.: 8611

For: HEPARIN/HEPAROSAN SYNTHASE FROM P. MULTOCIDA, SOLUBLE AND

SINGLE ACTION CATALYSTS THEREOF AND METHODS OF MAKING AND

USING SAME

Mail Stop - Amendment Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO JULY 25, 2006 OFFICE ACTION

In response to the Office Action mailed July 25, 2006, please amend the above-referenced patent application as follows.

Amendment to the Specification begins on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begin on page 3 of this paper.

Remarks begin on page 8 of this paper.